



1627

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/050,359B

DATE: 05/29/2002  
TIME: 17:37:41.

Input Set : A:\SequenceListing.txt  
Output Set: N:\CRF3\05292002\I050359B.raw

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# SEQUENCE LISTING

4 (1) GENERAL INFORMATION:  
6 (i) APPLICANT: FOWLKES, Dana M  
7 KAY, Brian K  
8 FRELINGER, Jeffrey A  
9 HYDE-DERUYSCHER, Robin P  
11 (ii) TITLE OF INVENTION: IDENTIFICATION OF DRUGS USING  
12 COMPLEMENTARY COMBINATORIAL LIBRARIES  
14 (iii) NUMBER OF SEQUENCES: 178  
16 (iv) CORRESPONDENCE ADDRESS:  
17 (A) ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.  
18 (B) STREET: 624 Ninth Street N.W., Suite 300  
19 (C) CITY: Washington  
20 (D) STATE: D.C.  
21 (E) COUNTRY: U.S.A.  
22 (F) ZIP: 20001  
24 (v) COMPUTER READABLE FORM:  
25 (A) MEDIUM TYPE: Floppy disk  
26 (B) COMPUTER: IBM PC compatible  
27 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
28 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30  
30 (vi) CURRENT APPLICATION DATA:  
C--> 31 (A) APPLICATION NUMBER: US/09/050,359B  
C--> 32 (B) FILING DATE: 31-Mar-1998  
33 (C) CLASSIFICATION:  
39 (vii) PRIOR APPLICATION DATA:  
36 (A) APPLICATION NUMBER: PCT/US97/19638  
37 (B) FILING DATE: 31-OCT-1997  
40 (A) APPLICATION NUMBER: US 08/740,671  
41 (B) FILING DATE: 31-OCT-1996  
43 (viii) ATTORNEY/AGENT INFORMATION:  
44 (A) NAME: COOPER, Iver P  
45 (B) REGISTRATION NUMBER: 28,005  
46 (C) REFERENCE/DOCKET NUMBER: FOWLKES=4B  
48 (ix) TELECOMMUNICATION INFORMATION:  
49 (A) TELEPHONE: (202) 628-5197  
50 (B) TELEFAX: (202) 737-3528  
53 (2) INFORMATION FOR SEQ ID NO: 1:  
55 (i) SEQUENCE CHARACTERISTICS:  
56 (A) LENGTH: 33 base pairs  
57 (B) TYPE: nucleic acid  
58 (C) STRANDEDNESS: single  
59 (D) TOPOLOGY: linear

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61      (ii) MOLECULE TYPE: cDNA
63      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
65 GANNKNNKNNKNNKNNKTGGNN KNNKNNKNNKNNK NNK
67 (2) INFORMATION FOR SEQ ID NO: 2:
69      (i) SEQUENCE CHARACTERISTICS:
70          (A) LENGTH: 33 base pairs
71          (B) TYPE: nucleic acid
72          (C) STRANDEDNESS: single
73          (D) TOPOLOGY: linear
75      (ii) MOLECULE TYPE: cDNA
77      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
79 NNKGANNKNNKNNKNNKTGGNN KNNKNNKNNKNNK NNK
81 (2) INFORMATION FOR SEQ ID NO: 3:
83      (i) SEQUENCE CHARACTERISTICS:
84          (A) LENGTH: 33 base pairs
85          (B) TYPE: nucleic acid
86          (C) STRANDEDNESS: single
87          (D) TOPOLOGY: linear
89      (ii) MOLECULE TYPE: cDNA
91      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
93 NNKNNKNGANNKNNKNNKTGGNN KNNKNNKNNKNNK NNK
95 (2) INFORMATION FOR SEQ ID NO: 4:
97      (i) SEQUENCE CHARACTERISTICS:
98          (A) LENGTH: 33 base pairs
99          (B) TYPE: nucleic acid
100          (C) STRANDEDNESS: single
101          (D) TOPOLOGY: linear
102      (ii) MOLECULE TYPE: cDNA
104      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
106 NNKNNKNNKNNKNGANNKNNKTGGNN KNNKNNKNNKNNK NNK
108 (2) INFORMATION FOR SEQ ID NO: 5:
110      (i) SEQUENCE CHARACTERISTICS:
111          (A) LENGTH: 33 base pairs
112          (B) TYPE: nucleic acid
113          (C) STRANDEDNESS: single
114          (D) TOPOLOGY: linear
116      (ii) MOLECULE TYPE: cDNA
118      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
120 NNKNNKNNKNNKNNKGANNKTGGNN KNNKNNKNNKNNK NNK
122 (2) INFORMATION FOR SEQ ID NO: 6:
124      (i) SEQUENCE CHARACTERISTICS:
125          (A) LENGTH: 33 base pairs
126          (B) TYPE: nucleic acid
127          (C) STRANDEDNESS: single
128          (D) TOPOLOGY: linear
130      (ii) MOLECULE TYPE: cDNA
132      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
134 NNKNNKNNKNNKNNKNNKTGGGA NNNKNNKNNKNNK NNK
136 (2) INFORMATION FOR SEQ ID NO: 7:

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138      (i) SEQUENCE CHARACTERISTICS:
139          (A) LENGTH: 33 base pairs
140          (B) TYPE: nucleic acid
141          (C) STRANDEDNESS: single
142          (D) TOPOLOGY: linear
143      (ii) MOLECULE TYPE: cDNA
145      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
147 NNKNNKNNKN NKNNKTGGNN KGANNKNNK NNK          33
150 (2) INFORMATION FOR SEQ ID NO: 8:
152      (i) SEQUENCE CHARACTERISTICS:
153          (A) LENGTH: 33 base pairs
154          (B) TYPE: nucleic acid
155          (C) STRANDEDNESS: single
156          (D) TOPOLOGY: linear
157      (ii) MOLECULE TYPE: cDNA
159      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
161 NNKNNKNNKN NKNNKTGGNN KNNKGANNK NNK          33
163 (2) INFORMATION FOR SEQ ID NO: 9:
165      (i) SEQUENCE CHARACTERISTICS:
166          (A) LENGTH: 33 base pairs
167          (B) TYPE: nucleic acid
168          (C) STRANDEDNESS: single
169          (D) TOPOLOGY: linear
171      (ii) MOLECULE TYPE: cDNA
173      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
175 NNKNNKNNKN NKNNKTGGNN KNNKNNKGAN NNK          33
177 (2) INFORMATION FOR SEQ ID NO: 10:
179      (i) SEQUENCE CHARACTERISTICS:
180          (A) LENGTH: 33 base pairs
181          (B) TYPE: nucleic acid
182          (C) STRANDEDNESS: single
183          (D) TOPOLOGY: linear
184      (ii) MOLECULE TYPE: cDNA
186      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
188 NNKNNKNNKN NKNNKTGGNN KNNKNNKNNK GAN          33
190 (2) INFORMATION FOR SEQ ID NO: 11:
192      (i) SEQUENCE CHARACTERISTICS:
193          (A) LENGTH: 10 amino acids
194          (B) TYPE: amino acid
195          (C) STRANDEDNESS: single
196          (D) TOPOLOGY: linear
197      (ii) MOLECULE TYPE: peptide
199      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
W--> 201   Xaa Xaa Xaa Xaa Tyr Xaa Xaa Xaa Xaa Xaa
      202   1           5           10
204 (2) INFORMATION FOR SEQ ID NO: 12:
206      (i) SEQUENCE CHARACTERISTICS:
207          (A) LENGTH: 10 amino acids
208          (B) TYPE: amino acid

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209          (C) STRANDEDNESS: single
210          (D) TOPOLOGY: linear
211      (ii) MOLECULE TYPE: peptide
213      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
W--> 215      Xaa Xaa Xaa Xaa Tyr Leu Xaa Xaa Xaa Xaa
216          1          5          10
218 (2) INFORMATION FOR SEQ ID NO: 13:
220      (i) SEQUENCE CHARACTERISTICS:
221          (A) LENGTH: 10 amino acids
222          (B) TYPE: amino acid
223          (C) STRANDEDNESS: single
224          (D) TOPOLOGY: linear
226      (ii) MOLECULE TYPE: peptide
228      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
W--> 230      Xaa Xaa Xaa Pro Pro Xaa Xaa Pro Xaa Xaa
231          1          5          10
233 (2) INFORMATION FOR SEQ ID NO: 14:
235      (i) SEQUENCE CHARACTERISTICS:
236          (A) LENGTH: 14 amino acids
237          (B) TYPE: amino acid
238          (C) STRANDEDNESS: single
239          (D) TOPOLOGY: linear
241      (ii) MOLECULE TYPE: peptide
243      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
W--> 245      Xaa Xaa Xaa Xaa Xaa Xaa Pro Xaa Pro Pro Xaa Pro Xaa Xaa
246          1          5          10
248 (2) INFORMATION FOR SEQ ID NO: 15:
250      (i) SEQUENCE CHARACTERISTICS:
251          (A) LENGTH: 27 base pairs
252          (B) TYPE: nucleic acid
253          (C) STRANDEDNESS: single
254          (D) TOPOLOGY: linear
256      (ii) MOLECULE TYPE: cDNA
258      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
260 CTGTGCGGAT CCATGGATCG CAAGACG 27
262 (2) INFORMATION FOR SEQ ID NO: 16:
264      (i) SEQUENCE CHARACTERISTICS:
265          (A) LENGTH: 27 base pairs
266          (B) TYPE: nucleic acid
267          (C) STRANDEDNESS: single
268          (D) TOPOLOGY: linear
270      (ii) MOLECULE TYPE: cDNA
272      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
274 CTGTGCGAAT TCCTAGCCGC ACTTTTG 27
276 (2) INFORMATION FOR SEQ ID NO: 17:
278      (i) SEQUENCE CHARACTERISTICS:
279          (A) LENGTH: 63 base pairs
280          (B) TYPE: nucleic acid
281          (C) STRANDEDNESS: single

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282         (D) TOPOLOGY: linear
284     (ii) MOLECULE TYPE: cDNA
286     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
288 GACTGTGCCT CGAGKNNKNN KNNKNNKNNK YYNNKNNKN NKNNKNNKTC TAGACGTGTC 60
290 AGT 63
292 (2) INFORMATION FOR SEQ ID NO: 18:
294     (i) SEQUENCE CHARACTERISTICS:
295         (A) LENGTH: 15 base pairs
296         (B) TYPE: nucleic acid
297         (C) STRANDEDNESS: single
298         (D) TOPOLOGY: linear
300     (ii) MOLECULE TYPE: cDNA
302     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
304 ACTGACACGT CTAGA 15
306 (2) INFORMATION FOR SEQ ID NO: 19:
308     (i) SEQUENCE CHARACTERISTICS:
309         (A) LENGTH: 22 amino acids
310         (B) TYPE: amino acid
311         (C) STRANDEDNESS: single
312         (D) TOPOLOGY: linear
314     (ii) MOLECULE TYPE: peptide
316     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
W--> 318 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Glu His Val Cys Ser
319      1          5          10          15
321      Trp Gly Trp Gly Arg Cys
322          20
324 (2) INFORMATION FOR SEQ ID NO: 20:
326     (i) SEQUENCE CHARACTERISTICS:
327         (A) LENGTH: 11 amino acids
328         (B) TYPE: amino acid
329         (C) STRANDEDNESS: single
330         (D) TOPOLOGY: linear
332     (ii) MOLECULE TYPE: peptide
334     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
336      Pro Thr Ser Asp Leu Trp Arg Asn Leu Gly Gly
337      1          5          10
339 (2) INFORMATION FOR SEQ ID NO: 21:
341     (i) SEQUENCE CHARACTERISTICS:
342         (A) LENGTH: 11 amino acids
343         (B) TYPE: amino acid
344         (C) STRANDEDNESS: single
345         (D) TOPOLOGY: linear
347     (ii) MOLECULE TYPE: peptide
349     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
351      Trp Gly Glu Thr Met Trp Asp Asn Arg Lys Val
352      1          5          10
354 (2) INFORMATION FOR SEQ ID NO: 22:
356     (i) SEQUENCE CHARACTERISTICS:
357         (A) LENGTH: 11 amino acids

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